

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Kouichi KITAHATA et al.

Application No.: 10/588,453

Confirmation No.: 5708

Filed: August 4, 2006

Art Unit: N/A

For: ADSORPTIVITY IMPARTING AGENT
CONTAINING POROUS SILICA

Examiner: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT
(SUBMISSION AFTER FILING OF AN APPLICATION BUT BEFORE FINAL
REJECTION OR NOTICE OF ALLOWANCE OR CONCURRENTLY WITH A RULE
1.114 RCE APPLICATION)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on the PTO-SB08(s), attached hereto.

II. COPIES

- a. Copies of cited U.S. patents and patent application publications are not included.
Copies of foreign patent documents and non-patent literature are included.

b. Some or all of the documents listed on the PTO-SB08 are not enclosed because they were cited in the International Search Report and copies should already be in the PTO file. If copies are needed, please contact the undersigned.

c. REFERENCES PREVIOUSLY CITED OR SUBMITTED - Pursuant to 37 C.F.R. §1.98(d), consideration of information listed on the PTO-SB08 form(s) is requested since any patents, publications, or other information which are listed on the PTO-SB08 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

a. DOCUMENTS IN THE ENGLISH LANGUAGE - The patents, publications, or other information listed on the attached PTO SB08 are in the English language and therefore, do not require a statement of relevancy.

b. DOCUMENTS NOT IN THE ENGLISH LANGUAGE - A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows: An English language abstract is attached to each of JP 61-163850, JP 7-132974, JP 2000-168791, JP 11-292152, JP 63-38188, JP 5-177132, JP 3-27483, JP 8-173137, JP 9-25114, JP 2003-190781, JP 2002-503979, JP 5-279967, JP 6-9885, JP 62-26813, JP 3-93662, JP 53-6611, JP 59-95931, JP 56-148585, JP 2000-204230, JP 3-109244, JP 5-302781, JP 2001-219059, JP 7-136240, JP 7-155369, JP 9-208809, JP 62-289512 and JP 9-132871. JP 8-67578 corresponds to US 5,599,759. JP 10-152317 corresponds to US 2002/0051802A1. WO 2002/057403A1 corresponds to US 2004/0062835A1. JP 2002-145734 corresponds to US 2003/0072779A1.

c. ENGLISH LANGUAGE SEARCH REPORT - An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

- d. OTHER - The following additional information is provided for the Examiner's consideration.

IV. FEES (check one box)

- a. This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.
- b. This Information Disclosure Statement is being filed concurrent with the filing of a continuation-in-part, continuation, or divisional patent application; therefore, no fee is required.
- c. This Information Disclosure Statement is being filed within three months of the filing date of a national application (37 C.F.R. § 1.97(b)(1)). No fee or statement is required.
(This section is not to be used with RCE's.)
- d. This Information Disclosure Statement is being filed within three months of the date of entry of the national stage as set forth in § 1.491 in an international application (37 C.F.R. § 1.97(b)(2)). No fee or statement is required.
- e. This Information Disclosure Statement is being filed concurrently with the filing of a Request for Continued Examination under § 1.114 (37 C.F.R. § 1.97(b)(4)). No fee or statement is required.
- f. This Information Disclosure Statement is being filed before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b)(3)). No fee or statement is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the statement under 37 C.F.R. § 1.97(e) below, or, if no statement has been made, charge our deposit account for the fee as required by 37 C.F.R. § 1.17(p).
- g. This Information Disclosure Statement is being filed before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c)(1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c)(2)).

No statement; therefore, a fee as required by 37 C.F.R. § 1.17(p) is attached.

or

See the statement below. No fee is required.

V. **STATEMENT UNDER 37 C.F.R. § 1.97(e)**

(check only one box)

The undersigned hereby states that:

- a. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than 30 days prior to the filing of this IDS; or
- b. Each item of information contained in the IDS was first cited in any communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or
- c. No item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of IDS was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the IDS.
- d. Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned states that each item of information contained in the IDS was first cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby states that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application and, to the best of my knowledge after making reasonable

inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

VI. PAYMENT OF FEES (check one box)

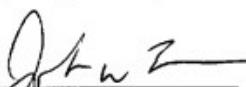
- The required fee is listed on the attached Fee Transmittal.
 No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: November 7, 2006

Respectfully submitted,

By 
Gerald M. Murphy, Jr.
Registration No.: 28,977
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road
Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

Attachment(s):

- PTO-SB08
 Documents
 Foreign Search Report

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete If Known

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet	1	of	2
			Attorney Docket Number 1422-0722PUS1

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If Known)			
AA*	US-5,599,759	02-04-1997	Inagaki et al.		
AB*	US-20020051802-A1	05-02-2002	Shio et al.		
AC*	US-20040062835-A1	04-01-2004	Earl et al.		
AD*	US-20030072779-A1	04-17-2003	Sato et al.		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	* T
		Country Code ³ -Number-Kind Code ⁴ (If Known)				
BA	JP-2002-187712		07-05-2002			✓
BB	JP-2001-179086		07-03-2001			✓
BC	JP-11-106324		04-20-1999			✓
BD	JP-2003-003013		01-08-2003			✓
BE	JP-2005-089218		04-07-2005			✓
BF	JP-61-163850-A		07-24-1986			
BG	JP-7-132974-A		05-23-1995			
BH	JP-2000-168791-A		06-20-2000			
BI	JP-11-292152-A		10-26-1999			
BJ	JP-63-38188-B2		07-28-1988			
BK	JP-5-177132-A		07-20-1993			
BL	JP-3-27483-B2		04-16-1991			
BM	JP-8-173137-A		07-09-1996			
BN	JP-9-25114-A		01-28-1997			
BO	JP-2003-190781-A		07-08-2003			
BP	JP-2002-503979-A		02-05-2002			
BQ	JP-5-279967-A		10-26-1993			
BR	JP-6-9885-A		01-18-1994			
BS	JP-62-26813-B2		06-11-1987			
BT	JP-3-93662-A		04-18-1991			
BU	JP-53-6611		01-21-1978			
BV	JP-59-95931-A		06-02-1994			
BW	JP-56-148585-A		11-18-1981			
BX	JP-2000-204230-A		07-25-2000			
BY	JP-3-109244-A		05-09-1991			
BZ	JP-5-302781-A		11-16-1993			
BA1	JP-2001-219059-A		08-14-2001			
BB1	JP-7-136240-A		05-30-1995			
BC1	JP-7-155369-A		06-20-1995			
BD1	JP-9-208809-A		08-12-1997			
BE1	JP-62-289512-A		12-16-1987			
BF1	JP-9-132871-A		05-20-1997			

Examiner Signature

Date Considered

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	2	of	2	Attorney Docket Number	1422-0722PUS1
-------	---	----	---	------------------------	---------------

BG1	JP-8-67578-A	03-12-1996		<input checked="" type="checkbox"/>
BH1	JP-10-152317-A	06-09-1996		<input checked="" type="checkbox"/>
BI1	WO-2002057403-A1	07-25-2002		<input checked="" type="checkbox"/>
BJ1	JP-2002-145734-A	05-22-2002		<input checked="" type="checkbox"/>

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ²CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.56(e)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ³Applicant's unique citation designation number (optional). ⁴See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁵Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁶For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁷Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁸Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Date Considered	Initials
--------------------	-----------------	----------